

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A method ~~Using infrared rays~~ for quick joining a golf club head members using infrared rays, comprising the steps of:

disposing a metallic filler between or on one of the golf club head members;

using a heating source of infrared rays adapted to melt the metallic filler; and

solidifying the melted metallic filler disposed between golf club head members ~~within a predetermined processing temperature and time~~, thereby joining the golf club head members to constitute the golf club head.

2. (Currently Amended) The method ~~Using infrared rays for quick joining a golf club head~~ as defined in ~~Claim~~ claim 1, wherein either ~~at least one or more of the golf club head members is selected from a main head body, a striking plate or~~ and a weight member.

3. (Currently Amended) The method ~~Using infrared rays for quick joining a golf club head~~ as defined in ~~Claim~~ claim 1, wherein the golf club head member is selected from a ~~the~~ group ~~consisted~~ consisting of titanium alloy, Fe-base alloy, magnesium alloy, aluminum alloy, Fe-Mn-Al alloy, shape memory steel, tungsten alloy, copper alloy, lead alloy, nickel alloy, bulk amorphous alloy, nano-alloy, composite material and ceramic material ~~etc.~~

4. (Currently Amended) The method ~~Using infrared rays for quick joining a golf club head~~ as defined in ~~Claim~~ claim 1, wherein the heating source has a heating rate not less than 1°C/sec.

5. (Currently Amended) The method ~~Using infrared rays for quick joining a golf club head~~ as defined in ~~Claim~~claim 1, wherein the heating source has a heating rate up to 50°C/sec.

6. (Currently Amended) The method ~~Using infrared rays for quick joining a golf club head~~ as defined in ~~Claim~~claim 1, wherein the wavelength of infrared rays is ~~ranging in the range~~ between 0.76 and 1,000 mm.

7. (Currently Amended) The method ~~Using infrared rays for quick joining a golf club head~~ as defined in ~~Claim~~claim 1, wherein the golf club head members are made of dissimilar categories of alloys.

8. (Currently Amended) The method ~~Using infrared rays for quick joining a golf club head~~ as defined in ~~Claim~~claim 1, wherein the golf club head members are made of similar categories of alloy.

9. (Currently Amended) The method ~~Using infrared rays for quick joining a golf club head~~ as defined in ~~Claim~~claim 1, wherein the golf club head members are placed in a vacuum ~~for during the joining process~~.

10. (Currently Amended) ~~The method Using infrared rays for quick joining a golf club head~~ as defined in ~~Claim-claim~~ claim 1, wherein the golf club head members are placed in a protective gas for during the joining process.

11. (Currently Amended) ~~The method Using infrared rays for quick joining a golf club head~~ as defined in ~~Claim-claim~~ claim 1, wherein the metallic filler is selected from ~~a the~~ a group ~~consisted-consisting~~ consisting of Ag-base, Cu-base, Ni-base and Ti-base alloys-etc.

12. (New) The method as defined in claim 1, wherein, prior to using the heating source, the heating source is prepared by focusing the infrared rays such that the focused infrared rays rapidly melt the metallic filler having a predetermined melting point.

13. (New) The method as defined in claim 12, wherein an optical device is employed to create the focused infrared rays.